

TCL1A Monoclonal Antibody (eBio1-21), APC

Catalog NumberA18552

Product data sheet

Details		Tested Applications	Dilution *
Size	100 Tests	Flow Cytometry (Flow)	Assay-dependent
Host/Isotope	Mouse / IgG2b, kappa	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Class	Monoclonal		
Type	Antibody		
Clone	eBio1-21		
Immunogen	human T cell leukemia/lymphoma 1		
Conjugate	APC		
Form	Liquid		
Concentration	0.05 mg/mL		
Storage Conditions	4° C		

Background/Target Information

Overexpression of the TCL1 gene in humans has been implicated in the development of mature T cell leukemia, in which chromosomal rearrangements bring the TCL1 gene in close proximity to the T-cell antigen receptor (TCR)-alpha or TCR-beta regulatory elements (summarized by Virgilio et al., 1998). In normal T cells TCL1 is expressed in CD4-/CD8- cells, but not in cells at later stages of differentiation. TCL1 functions as a coactivator of the cell survival kinase AKT (Laine et al., 2000).

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